

A New Approach to Commercialization of NASA's Human Research Program Technologies, Phase I

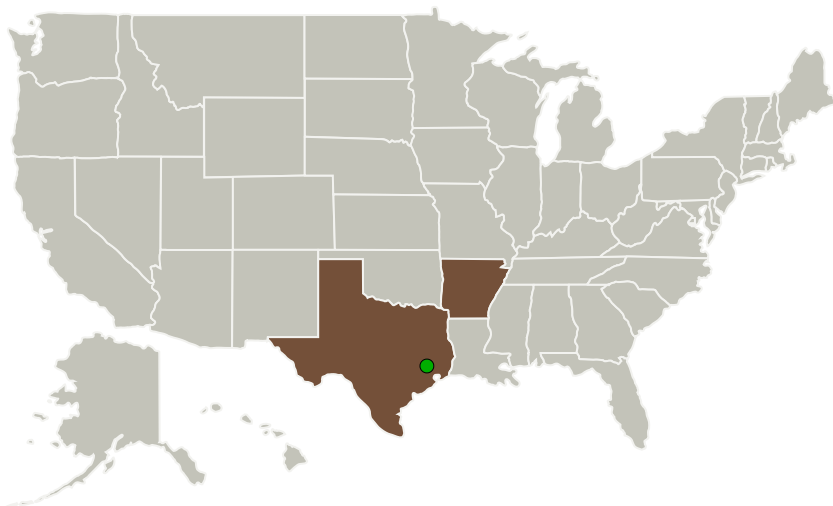
Completed Technology Project (2011 - 2011)



Project Introduction

This Phase I SBIR proposal describes, "A New Approach to Commercialization of NASA's Human Research Program Technologies." NASA has a powerful research program that is developing cutting-edge technologies for use in the space program, and these technologies can become important in many non-NASA commercial and medical markets. NASA is looking for new ways to increase the number of valuable biomedical devices that are being commercialized. Virtual Incubation Company (VIC) is a technology venture development firm that creates successful new enterprises by focusing on developing early-stage technologies into market-focused products. We currently have 11 portfolio companies ranging from new established companies (at TRL 2) that are seeking first funding to established ventures (at TRL 9) with growing production and sales. Our business development team has proven expertise in executive management, strategy development, financial management, funds acquisition, IP management, legal support, grant writing, market and technical research, and negotiating sublicense and partnering agreements. This proposal outlines VIC's business development model, demonstrates the breadth of its experience in creating actionable business plans for various stage technologies, and provides examples of product development and company development successes. Virtual Incubation Company has the experience and expertise necessary to help drive improved commercialization of NASA's Human Research Program Technologies by identifying and validating market opportunities, outlining go-to-market strategies, developing a funding strategy, and minimizing business development risks.

Primary U.S. Work Locations and Key Partners



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Organizations Performing Work	Role	Type	Location
Virtual Incubation Company, LLC	Lead Organization	Industry	Fayetteville, Arkansas
● Johnson Space Center(JSC)	Supporting Organization	NASA Center	Houston, Texas

Primary U.S. Work Locations	
Arkansas	Texas

Project Transitions

February 2011: Project Start

September 2011: Closed out

Closeout Documentation:

- Final Summary Chart(<https://techport.nasa.gov/file/137835>)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

Virtual Incubation Company, LLC

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

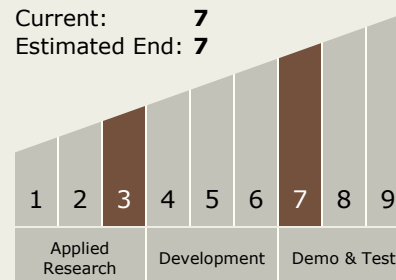
Carlos Torrez

Principal Investigator:

Kimberley Fuller

Technology Maturity (TRL)

Start: **3**
Current: **7**
Estimated End: **7**



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Technology Areas

Primary:

- TX06 Human Health, Life Support, and Habitation Systems
 - └ TX06.3 Human Health and Performance
 - └ TX06.3.1 Medical Diagnosis and Prognosis

Target Destinations

The Sun, Earth, The Moon, Mars, Others Inside the Solar System, Outside the Solar System